

Notice of Allowability

Application No.

09/725,905

Examiner

Paulos M. Natnael

Applicant(s)

HONG ET AL.

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's arguments and remarks filed March 17, 2005.
2. ☒ The allowed claim(s) is/are 1-2,4-20, renumbered as 1-2,3-19.
3. ☒ The drawings filed on 30 November 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

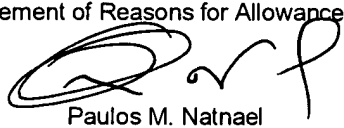
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Paulos M. Natnael
Primary Examiner
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DETAILED ACTION

Allowable Subject Matter

1. Claims **1-2, 4-20** are allowed.
2. The following is an examiner's statement of reasons for allowance: the prior art fails to disclose the following combination of apparatus for a CRT assembly of a projection television, comprising: a CRT for creating an image; a lens for magnifying said image created by said CRT and for projecting said image onto a screen; a coupler disposed between said CRT and said lens for coupling said lens to said CRT, and defining a cooling liquid receptacle which is filled with a cooling liquid; a cooling liquid pouring inlet formed on one side of said coupler, and providing a passage way for pouring the cooling liquid into said cooling liquid receptacle, and an oilpack connected to said cooling liquid pouring inlet, and communicating with said cooling liquid receptacle so that a portion of the cooling liquid is contained in said oil pack when the cooling liquid in said cooling liquid receptacle expands and said portion of the cooling liquid overflows from said cooling liquid receptacle said oilpack further comprising a sealed space; a pack holder disposed between said sealed space and said cooling liquid pouring inlet and having a through hole communicating with said sealed space and said cooling liquid receptacle; and, oilpack coupling means formed on said pack holder for coupling said pack holder to said cooling liquid pouring inlet, as in claim 1; a CRT for creating an image, a lens for magnifying the image produced by said CRT and for projecting the image onto a screen, a coupler disposed between said CRT and said

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lens for coupling said lens to said CRT, including a receptacle which is filled with a cooling liquid, an inlet formed on one side of said coupler, and communicating with said receptacle, and, a pack unit coupled to said inlet, and including a pack, a pack holder disposed between said pack and said inlet, and having a first end coupled to an open portion of said pack and a second end coupled to said inlet, and a through hole formed in said pack holder and communicating with both said pack and said receptacle, as in claim 8; and, a CRT, a lens projecting an image produced by said CRT onto a screen, a coupler disposed between said CRT and said lens for coupling said lens to said CRT, and having a receptacle filled with a cooling liquid, and having an inlet, a pack having a sealed portion and an open end, a pack holder disposed between said pack and said coupler, and having a first end detachably attached to said inlet of said coupler, and having end coupled to said open second end of said pack, a through hole formed on said first end and said second end of said pack holder, and *communicating with both said receptacle and an interior of said sealed portion of said pack*, as in claim 20.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paulos M. Natnael whose telephone number is (571) 272-7354. The examiner can normally be reached on 10:00am - 6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (571)272-7353. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Paulos M. Natnael
Primary Examiner
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June 29, 2005